

REMARKS

Applicant appreciates the Examiner's thorough consideration provided the present application. Claims 1-13 are now present in the application. Claims 5-13 have been added. Claim 1 is independent. Reconsideration of this application is respectfully requested.

Claim Rejections Under 35 U.S.C. § 102

Claims 1-4 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Inoue, U.S. Patent No. 6,765,794. This rejection is respectfully traversed.

Independent claim 1 recite "A central processing unit that has a die on one side used for mounting a radiator onto the side of the central processing unit where the die is located without damaging the central processing unit, comprising a protection wall surrounding the die." Applicant respectfully submits that the above recitation as set forth in independent claim 1 is not disclosed nor suggested by the reference relied on by the Examiner.

Inoue discloses a radiator mechanism 100 including a fan-cum-heat sink 110 having cooling fins 140 on a CPU 150 to get in thermal contact with the CPU 150 (see FIGs. 1 and 4; col. 4, lines 48-54). Inoue also discloses that a CPU socket 151 is mounted on the motherboard 160 for placement of the CPU 150 and makes the CPU exchangeable (see col. 5, lines 46-48). In other words, the CPU 150 is inserted onto the

CPU socket 151 so that the motherboard 160 can operate. In other words, the CPU socket 151 is not part of the CPU 150.

The Examiner referred to the CPU socket 151 as the protection wall of claim 1. Since the CPU socket 151 is not part of the CPU 150, Inoue fails to teach "a central processing unit... comprising a protection wall surrounding the die" as recited in claim 1.

Since Inoue fails to teach each and every limitation of independent claim 2, Applicant respectfully submits that claim 1 and its dependent claims clearly define over the teachings of Inoue. In particular, dependent claim 1 recites "the protection wall has a height same as that of the die". Since Inoue discloses neither the location and height of the die of the CPU 150 nor the height of the CPU socket 151, Inoue fails to teach the above recitation of claim 2.

Accordingly, reconsideration and withdrawal of the rejection under 35 U.S.C. § 102 are respectfully requested.

Additional Claims

Additional claims 5-13 have been added for the Examiner's consideration.

Dependent claims 5, 8, 10 and 12 recite "the protection wall is on the one side of the central processing unit where the radiator is mounted". Since Inoue in FIG. 1 discloses that the CPU socket 151 is at the bottom side of the CPU 150 and the fan-cum-heat sink 110 is

mounted at the top side of the CPU 150. The CPU socket 151 is not on the same side where the fan-cum-heat sink 110 is mounted. Accordingly, Inoue fails to teach the above recitation of claims 5, 8 , 10 and 12.

Dependent claims 6, 7, 9, 11 and 13 recite "the protection wall directly contacts the radiator". As mentioned, the CPU socket 151 and the fan-cum-heat sink 110 are on different sides of the CPU 150. Accordingly, Inoue fails to teach the CPU socket 151 directly contacts the fan-cum-heat sink 110.

Accordingly, Applicant respectfully submits that claims 5-13 are allowable due to the additional recitations included in these claims, as well as due to their respective dependence on independent claim 1.

Favorable consideration and allowance of additional claims 5-13 are respectfully requested.

CONCLUSION

Since the remaining patents cited by the Examiner have not been utilized to reject the claims, but merely to show the state of the prior art, no further comments are necessary with respect thereto.

It is believed that a full and complete response has been made to the Office Action, and that as such, the Examiner is respectfully requested to send the application to Issue.

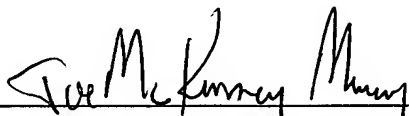
In the event there are any matters remaining in this application, the Examiner is invited to contact Joe McKinney Muncy, Registration No. 32,334 at (703) 205-8000 in the Washington, D.C. area.

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicant respectfully petitions for a one (1) month extension of time for filing a response in connection with the present application and the required fee of \$120.00 is attached herewith.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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